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WR-35 Rev (8-10)

State of West Virginia Department of Environmental Protection Office of Oil and Gas Well Operator's Report of Well Work

DATE: 10/31/2012 API #: 47-033-05619-00

arm name: Southern, Edgar	Operator Wel	II No.: Cottrill Uni	[1H	
OCATION: Elevation: 1175'	Quadrangle:	Wolf Summit		
District: Tenmile	County: Harri	son		
Latitude: Feet South of 39 Deg.	17 Min	1. 30 Sec	•	
Longitude 9394' Feet West of 80 Deg	. <u>27</u> Min	L_30Sec	•	
ompany: Antero Resources Appalachian Corporation				
Address: 1625 17th Street	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Denver, CO 80202	20" 94#	70'	70'	192 Cu. Ft. Class A
Agent: CT Corporation System				
Inspector: Tristan Jenkins				
Date Permit Issued: 5/24/2012				
Date Well Work Commenced: 7/11/2012				
Date Well Work Completed: 7/12/2012				
Verbal Plugging: N/A			RECE	VFD
Date Permission granted on: N/A			Office of O	il & Gas
Rotary X Cable Rig			ļ	
Total Vertical Depth (ft): 70'			NOA 13	£ U12
Total Measured Depth (ft): 70'		V	M/Dame	
Fresh Water Depth (ft.): None encountered		Fnvi	W Depart	nent of
Salt Water Depth (ft.): None encountered			onmental	Protection
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): None encountered				
	encountered or ately 210' to 2		well on pad (Co	ttrill Unit
OPEN FLOW DATA (If more than two producing formation	ns please includ	le additional dat	a on separate she	et)
	zone depth (ft <u>) ^</u>			
Gas: Initial open flowMCF/d Oil: Initial open fl				
Final open flowMCF/d Final open flow				
Time of open flow between initial and final tests				
Static rock Pressurepsig (surface pressure) af	ter Hour	is .		
Second producing formation Pay zon	ne depth (ft)			
Gas: Initial open flowMCF/d Oil: Initial open fl	owBb	ol/d		
Final open flow MCF/d Final open flow	/Вы	Vd		
Time of open flow between initial and final tests	Hours			
Static rock Pressure psig (surface pressure) af	ter Hour			

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Milwaler Signature

Were core samples taken? YesNo_X	Were cuttings caught during drilling? YesNoX
Were $\frac{N}{Y/N}$ Electrical, $\frac{N}{Y/N}$ Mechanical, $\frac{N}{Y/N}$ or Geophys	ical logs recorded on this well?
1/10 1/10 1/10	
FRACTURING OR STIMULATING, PHYSICAL CHAP	OWING: 1). DETAILS OF PERFORATED INTERVALS, IGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC ND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL CE TO TOTAL DEPTH.
Perforated Intervals, Fracturing, or Stimulating:	
N/A	
Formations Encountered: Top D Surface:	epth / Bottom Depth
N/A ·	
	Office of Oil & Gas
	NUV 1 3 2012
	WV Department of Environmental Protection
	Environmental Protection

WR-35 Rev (8-10)

State of West Virginia Department of Environmental Protection Office of Oil and Gas

DATE: 10/31/2012 API #: 47-033-05605-00

Well Operator's Report of Well Work

LOCATION: Elevation: 1175	_ Quadrangle:	il No.: Cottrill U		
District: Tenmile	County: Harri	loon		
Latitude: 6080 Feet South of 39 Deg.				
Longitude 8391' Feet West of 80 Deg				
Company: Antero Resources Appalachian Corporation				
	Casing &	Used in	Left in well	Cement fill
Address: 1625 17th Street	Tubing	drilling		up Cu. Pt.
Denver, CO 80202	20" 94#	70'	70'	573 Cu. Pl. Class A
Agent: CT Corporation System				1
Inspector: Tristan Jenkins			1	
Date Permit Issued: 5/25/2012				
Date Well Work Commenced: 7/16/2012				_
Date Well Work Completed: 7/16/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A			 	
Rotary X Cable Rig		 	 	
Total Vertical Depth (ft): 70'	ļ	<u> </u>		
Total Measured Depth (ft): 70'				
		<u> </u>	+	<u> </u>
Salt Water Depth (ft.): None encountered			-	
Is coal being mined in area (N/Y)? No	ļ			
Coal Depths (ft.): None encountered				
OPEN FLOW DATA (If more than two producing formation Producing formation N/A Pay z Gas: Initial open flow MCF/d Oil: Initial open flow MCF/d Final open flow MCF/d Final open flow MCF/d Final open flow paig (surface pressure) after the paid (surface pressure) after the producing formation in the producing formati	etely 210' to 22 ns please include cone depth (ft) Now	20' le additional da l/A l/d l/d s	well on pad (Co	

all at d complete.

Addung Garage

Signature

					uttings caught during drillin	g? YesN
Were	N Electric	al, N Mech	anical, $\frac{N}{Y/N}$ or 6	Geophysical logs reco	orded on this well?	
FRAC DETA	CTURING OR AILED GEOLO	STIMULATI	NG, PHYSICAL ORD OF THE 1	CHANGE, ETC. 2). DETAILS OF PERF). THE WELL LOG WHI MS OF ALL FORMATIO	ICH IS A SYSTI
	ated Intervals, F			SURFACE 10 101	AL DEPIH.	
N/A						
Forma Surface	ations Encounter e:	red:		Top Depth		Bottom Depth
N/A	·····					
			· · · · · · · · · · · · · · · · · · ·			
						<u> </u>

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